

**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**In the Specification:**

Paragraph 2 on page 1 of the Application has been amended as follows:

The regeneration temperature generally ranges anywhere from 40 °C to 400 °C, but once selected, generally remains generally constant from cycle to cycle. See for example US 5,531,808, US 5,689,974, US 5,906,675, US 6,106,593, ~~US 6,373,939~~ US 6,273,939, and EP 1226860.

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The last sentence in paragraph 26 on page 21 of the Application has been amended as follows:

JK  
5-2506  
The data in Examples 3 and 4 ~~are shown graphically in Figure 1 and~~ suggests that as long as the regeneration gas linear velocity is at least 0.10 ft/sec, there will be little effect on CO<sub>2</sub> adsorption capacity.

**In the Claims:**

Claim 9 has been amended as follows:

9. The process of Claim 8 wherein ~~step~~ the regeneration gas is a dry N<sub>2</sub> rich gas.